

IN THE CLAIMS

The following is a listing of all pending claims:

Claim 1 (Previously Presented): A depilatory gel sheet comprising a support and a gel depilatory composition wherein the gel depilatory composition is present in the support, on the support or both in and on the support, and

wherein the gel depilatory composition comprises (a) a keratin reducing compound, (b) a hydrophilic polymeric compound having an ionic group, (c) an ionic-bonding crosslinking agent and (d) water, and has a viscosity of 100,000 mPa·s or more, and wherein the hydrophilic polymeric compound is crosslinked with the ionic-bonding crosslinking agent.

Claim 2 (Canceled).

Claim 3 (Previously Presented): The depilatory gel sheet according to claim 1, wherein the gel depilatory composition further comprises (e) a nonionic hydrophilic high molecular compound.

Claim 4 (Previously Presented): The depilatory gel sheet according to claim 1, wherein the gel depilatory composition further comprises (f) water-insoluble particles.

Claim 5 (Previously Presented): The depilatory gel sheet according to claim 1, wherein (b) the hydrophilic polymeric compound having an ionic group is at least one selected from the group consisting of a poly(meth)acrylic acid and a salt thereof and (c) the ionic-bonding crosslinking agent is at least one selected from the group consisting of a polyvalent metal salt, a polyvalent metal hydroxide and a polyvalent metal oxide.

Claim 6 (Canceled).

Claim 7 (Previously Presented): The depilatory gel sheet according to claim 1, wherein (b) the hydrophilic polymeric compound having an ionic group is a water-absorptive polymeric compound or a water-soluble polymeric compound.

Claim 8 (Previously Presented): The depilatory gel sheet according to claim 1, wherein the gel depilatory composition further comprises (g) a compound having the solubility parameter δ represented by the formula (I) in the range of 8 to 15:

$$\delta = (\Delta E / V)^{1/2} = \left(\sum_i \Delta e_i / \sum_i \Delta v_i \right)^{1/2} \quad (I)$$

where;

ΔE : Cohesive energy density (cal/mol),

V : Molar volume (10^{-6} m³/mol),

Δe_i : Evaporation energy of an atom or an atomic group, and

Δv_i : Molar volume of an atom or an atomic group.

Claim 9 (Canceled).

Claim 10 (Previously Presented): The depilatory gel sheet according to Claim 1, wherein the keratin reducing compound is a thioglycolic acid, cysteine, a derivative thereof, or a salt thereof.

Claim 11 (Previously Presented): The depilatory gel sheet according to Claim 1, wherein the keratin reducing compound comprises at least one selected from the group consisting of monoglyceryl thioglycolate, thioglycolic acid and calcium thioglycolate.

Claim 12 (Previously Presented): The depilatory gel sheet according to Claim 1, wherein the keratin reducing compound is present in an amount of from 1 to 20% by weight.

Claim 13 (Previously Presented): The depilatory gel sheet according to Claim 1, wherein the hydrophilic polymeric compound is present in an amount of from 5 to 20% by weight.

Claim 14 (Previously Presented): The depilatory gel sheet according to Claim 1, wherein the hydrophilic polymeric compound is a derivative of a polyvinyl alcohol or a poly(meth)acrylic acid.

Claim 15 (Previously Presented): The depilatory gel sheet according to Claim 1, wherein the hydrophilic polymeric compound is at least one of an (meth)acrylic acid/(meth)acrylate copolymer, an (meth)acrylic acid/maleic acid copolymer, a starch/(meth)acrylic acid graft copolymer or a salt thereof.

Claim 16 (Previously Presented): The depilatory gel sheet according to Claim 1, wherein the hydrophilic polymeric compound is a sodium polyacrylate.

Claim 17 (Previously Presented): The depilatory gel sheet according to Claim 1, wherein the crosslinking agent is aluminum hydroxide or calcium hydroxide.

Claim 18 (Previously Presented): The depilatory gel sheet according to Claim 1, wherein the crosslinking agent is present in the gel depilatory composition in an amount of from 0.1 to 5% by weight.

Claim 19 (Previously Presented): The depilatory gel sheet according to Claim 1, wherein the crosslinking agent is present in the gel depilatory composition in an amount of 0.001 to 2 equivalents per ionic group of the hydrophilic polymeric compound.

Claim 20 (Previously Presented): A method comprising:
applying the depilatory gel sheet according to Claim 1 to a portion of a body in need of depilation and
peeling off the depilatory gel sheet to remove hairs from the body.

Claim 21 (Previously Presented): The method according to Claim 20, further comprising:

allowing the depilatory gel sheet to stand on the body for from 2 to 20 minutes after applying.

Claim 22 (Previously Presented): The method according to Claim 20, wherein the portion of the body is the face.

Claim 23 (Previously Presented): The composition according to Claim 1, wherein the hydrophilic polymeric compound is at least one selected from the group consisting of an itaconic acid-modified polyvinyl alcohol, a sulfonic acid-modified polyvinyl alcohol and a maleic acid-modified polyvinyl alcohol.

Claim 24 (Previously Presented): The depilatory gel sheet of Claim 1, wherein the gel depilatory composition has a viscosity of 300,000 mPa·s or more.

Claim 25 (Previously Presented): A method, comprising:
applying the depilatory gel sheet according to Claim 1 to a portion of a body in need
of depilation, and
removing the depilatory gel sheet to remove hairs from the body without drying the
gel depilatory composition.

Claim 26 (Previously Presented): The method according to Claim 25, wherein the
depilatory gel sheet is removed after the hairs swell.

Claim 27 (Previously Presented): The method according to Claim 25, wherein the
depilatory gel sheet is removed by washing.

Claim 28 (Previously Presented): The method according to Claim 25, wherein the
removing includes peeling the depilatory gel sheet from the body.

Claim 29 (Previously Presented): The method according to Claim 25, wherein the
depilatory gel sheet is removed while the gel depilatory composition comprises water.